LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060917\
Data File : BG027359.D
Acq On : 9 Jun 2017 22:45
Operator : SJ/MA
Sample : I3561-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PURGE-WATER-NRL-65

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.731	3	7	15	rVB	136136	201114	9.47%	0.822%
2	5.159	245	250	253	rBV3	16423	26043	1.23%	0.106%
3	5.699	336	342	354	rBV	102072	182639	8.60%	0.747%
4	6.058	393	403	411	rBV2	24768	44006	2.07%	0.180%
5	6.140	411	417	426	rVB	350748	608887	28.66%	2.490%
6	6.398	456	461	469	rVB	12695	23222	1.09%	0.095%
7	6.633	491	501	510	rBV	59902	114386	5.38%	0.468%
8	7.262	599	608	616	rVB6	12910	40008	1.88%	0.164%
9	7.515	641	651	661	rBV	46545	110949	5.22%	0.454%
10	7.632	664	671	674	rVV5	10658	21348	1.00%	0.087%
11	7.691	674	681	693	rVB2	249569	563053	26.50%	2.302%
12	8.091	737	749	762	rBV	616178	1173748	55.25%	4.799%
13	8.555	815	828	829	rBV	166784	236891	11.15%	0.969%
14	8.584	829	833	843	rVV	379543	716809	33.74%	2.931%
15	8.696	846	852	858	rVB8	12404	29828	1.40%	0.122%
16	8.784	858	867	877	rBV	1097227	2042565	96.14%	8.352%
17	8.884	877	884	896	rVB	483611	918657	43.24%	3.756%
18	9.083	909	918	927	rBV	60111	135899	6.40%	0.556%
19	9.254	943	947	956	rVB4	14018	25224	1.19%	0.103%
20	9.377	960	968	972	rVB3	17782	36408	1.71%	0.149%
21	9.565	995	1000	1006	rBV4	13731	25947	1.22%	0.106%
22	9.665	1009	1017	1018	rBV5	16122	31427	1.48%	0.129%
23	9.718	1018	1026	1033	rVB	458383	862230	40.58%	3.526%
24	9.812	1033	1042	1047	rBV	114127	256694	12.08%	1.050%
25	10.129	1083	1096	1101	rBV	44069	108707	5.12%	0.444%
26	10.588	1163	1174	1177	rBV3	25329	64782	3.05%	0.265%
27	10.664	1177	1187	1193	rVB	161203	370491	17.44%	1.515%
28	10.846	1210	1218	1224	rBV6	15577	37053	1.74%	0.152%
29	11.111	1257	1263	1273	rBV2	43952	92227	4.34%	0.377%
30	11.375	1300	1308	1321	rVB	251638	518412	24.40%	2.120%
31	11.545	1331	1337	1343	rBV6	11667	28003	1.32%	0.115%
32	11.610	1343	1348	1356	rVB9	10083	24481	1.15%	0.100%
33	11.704	1356	1364	1374	rBV7	19331	52698	2.48%	0.215%
34	12.021	1412	1418	1426	rVB2	38828	79034	3.72%	0.323%

LSC Area Percent Report

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Acq On : 9 Jun 2017 22:45
Operator : SJ/MA
Sample : I3561-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PURGE-WATER-NRL-65

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.133	1426	1437	1448	rBV	259920	619095	29.14%	2.531%
36	12.280	1457	1462	1466	rBV6	20984	38037	1.79%	0.156%
37	12.339	1467	1472	1478	rVB6	18052	39905	1.88%	0.163%
38	12.797	1546	1550	1556	rVB2	21023	31104	1.46%	0.127%
39	13.402	1645	1653	1663	rBV	183970	341396	16.07%	1.396%
40	13.613	1679	1689	1694	rVB8	20510	47359	2.23%	0.194%
41	13.760	1704	1714	1721	rBV	1293378	2124517	100.00%	8.687%
42	13.831	1721	1726	1737	rVV2	49399	104445	4.92%	0.427%
43	14.001	1748	1755	1757	rBV2	33792	56664	2.67%	0.232%
44	14.042	1757	1762	1772	rVV	179456	330652	15.56%	1.352%
45	14.125	1772	1776	1781	rVB5	14113	23880	1.12%	0.098%
46	14.448	1825	1831	1834	rBV7	10499	25982	1.22%	0.106%
47	14.512	1835	1842	1846	rVV4	105304	197784	9.31%	0.809%
48	14.565	1846	1851	1860	rVV	194115	313783	14.77%	1.283%
49	14.642	1860	1864	1871	rVV6	21888	41305	1.94%	0.169%
50	14.742	1874	1881	1897	rVB4	92120	212233	9.99%	0.868%
51	14.865	1897	1902	1906	rBV4	11610	22537	1.06%	0.092%
52	14.988	1916	1923	1927	rVB3	19577	38808	1.83%	0.159%
53	15.071	1932	1937	1941	rBV2	32623	63127	2.97%	0.258%
54	15.135	1941	1948	1959	rVB2	397160	727966	34.27%	2.977%
55	15.511	2004	2012	2024	rBV	293275	506040	23.82%	2.069%
56	15.617	2024	2030	2037	rVV	92209	168429	7.93%	0.689%
57	15.852	2065	2070	2077	rBV	69039	105370	4.96%	0.431%
58	15.934	2078	2084	2089	rVB4	47704	84568	3.98%	0.346%
59	15.999	2091	2095	2100	rBV3	16842	31486	1.48%	0.129%
60	16.105	2107	2113	2124	rVB	22266	56143	2.64%	0.230%
61	16.404	2159	2164	2170	rBV2	29490	46128	2.17%	0.189%
62	16.545	2183	2188	2194	rVB4	21214	37747	1.78%	0.154%
63	16.616	2194	2200	2207	rBV	1046873	1676534	78.91%	6.855%
64	16.792	2226	2230	2238	rBV2	78969	135318	6.37%	0.553%
65	16.933	2250	2254	2259	rBV7	16538	30600	1.44%	0.125%
66	17.162	2291	2293	2301	rVB3	22621	33052	1.56%	0.135%
67	17.233	2301	2305	2314	rVB3	61313	100421	4.73%	0.411%
68	17.591	2362	2366	2372	rVB3	38053	49499	2.33%	0.202%
69	17.656	2375	2377	2383	rVB6	15974	22479	1.06%	0.092%
70	17.885	2409	2416	2427	rVB2	510911	849599	39.99%	3.474%
71	18.731	2554	2560	2570	rBV	509293	784739	36.94%	3.209%

LSC Area Percent Report

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Operator : SJ/MA
Sample : I3561-01
Misc :
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Instrument : BNA_G
ClientSampleId : PURGE-WATER-NRL-65

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	18.866	2579	2583	2588	rVB2	48758	69712	3.28%	0.285%
73	19.454	2678	2683	2688	rBV3	40214	83018	3.91%	0.339%
74	19.524	2691	2695	2699	rVB2	32284	42926	2.02%	0.176%
75	19.841	2745	2749	2752	rBV	80356	126380	5.95%	0.517%
76	19.982	2769	2773	2786	rBV	542390	819727	38.58%	3.352%
77	20.241	2814	2817	2820	rBV2	41127	45442	2.14%	0.186%
78	20.458	2849	2854	2861	rVB2	571461	797159	37.52%	3.260%
79	21.246	2986	2988	2995	rVB4	38386	66159	3.11%	0.271%
80	21.822	3082	3086	3099	rVB	181996	329843	15.53%	1.349%
81	22.109	3131	3135	3139	rVB2	42566	62244	2.93%	0.255%
82	22.268	3155	3162	3176	rVB	551157	1077062	50.70%	4.404%
83	25.958	3779	3790	3804	rVB2	302170	1013893	47.72%	4.146%

Sum of corrected areas: 24456166

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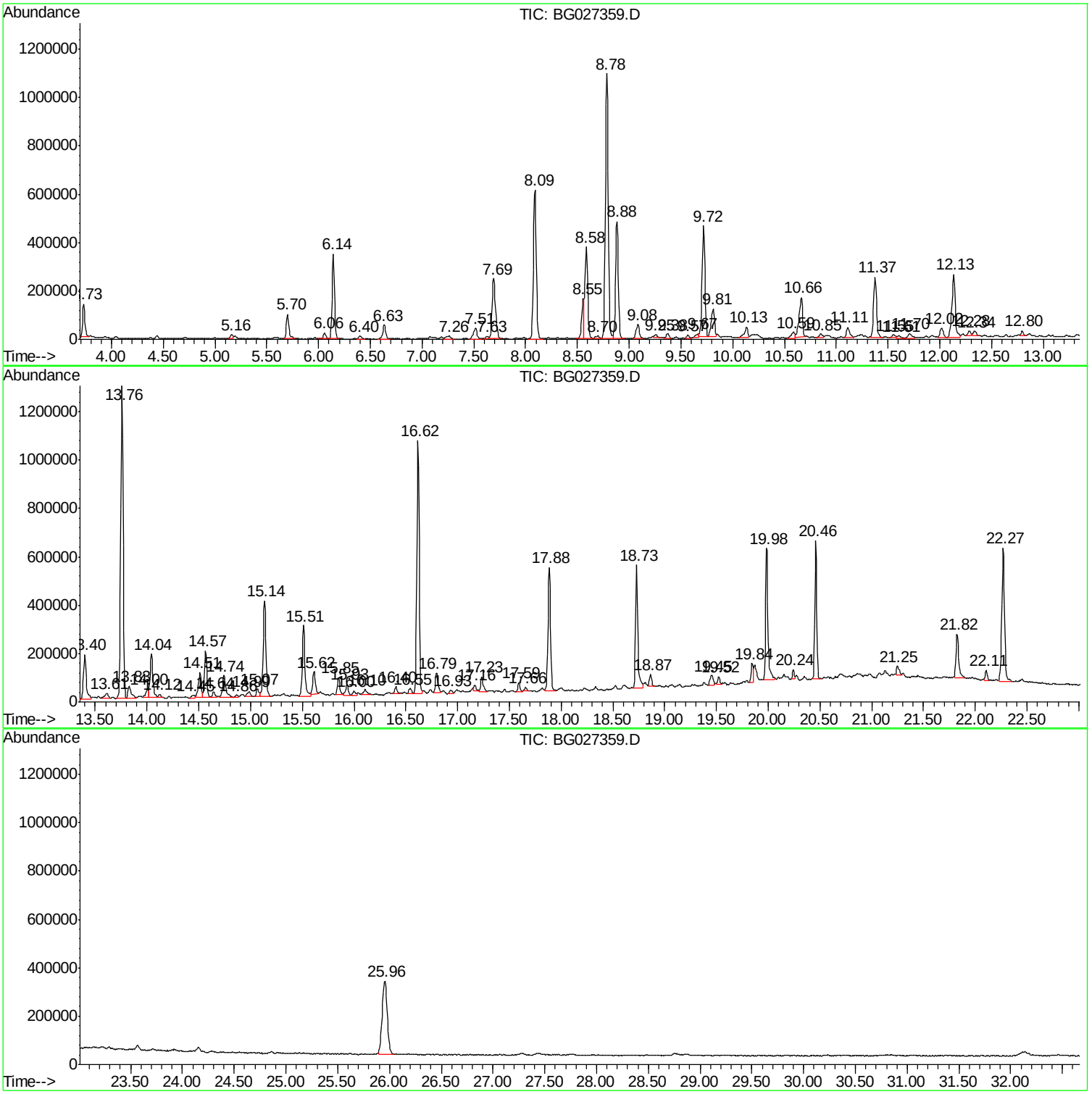
Instrument :
BNA_G
ClientSampleId :
PURGE-WATER-NRL-65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060917\
Data File : BG027359.D
Acq On : 9 Jun 2017 22:45
Operator : SJ/MA
Sample : I3561-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PURGE-WATER-NRL-65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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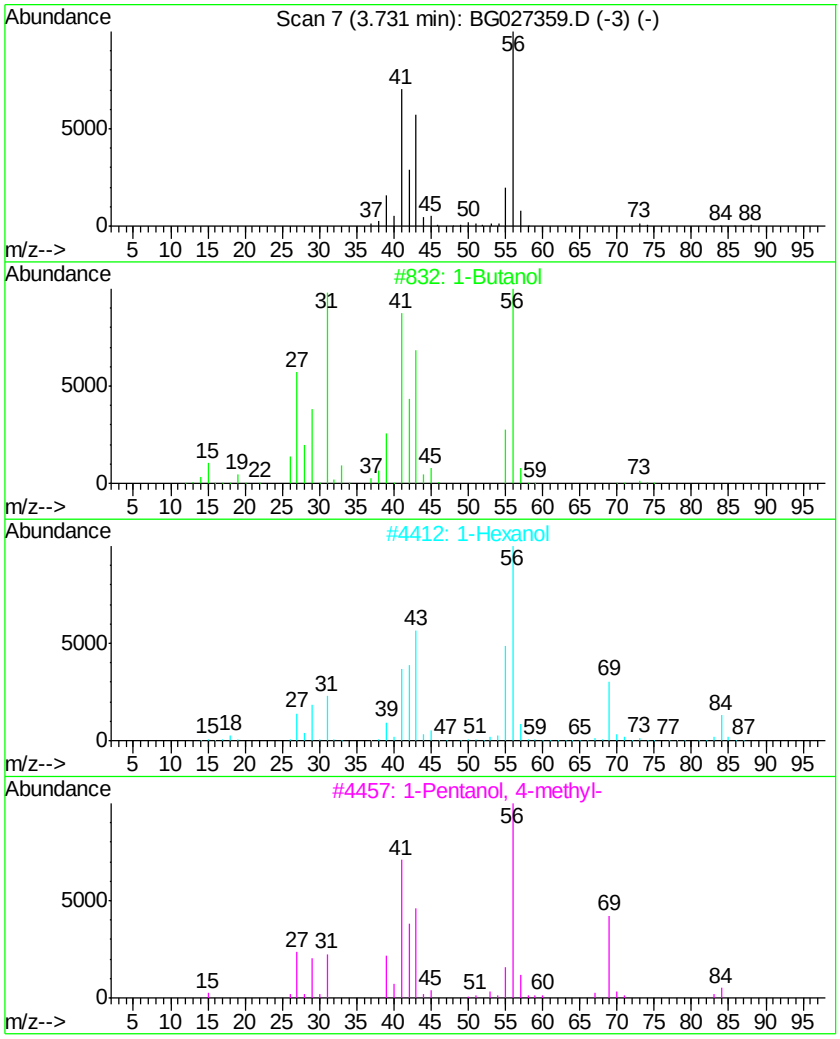
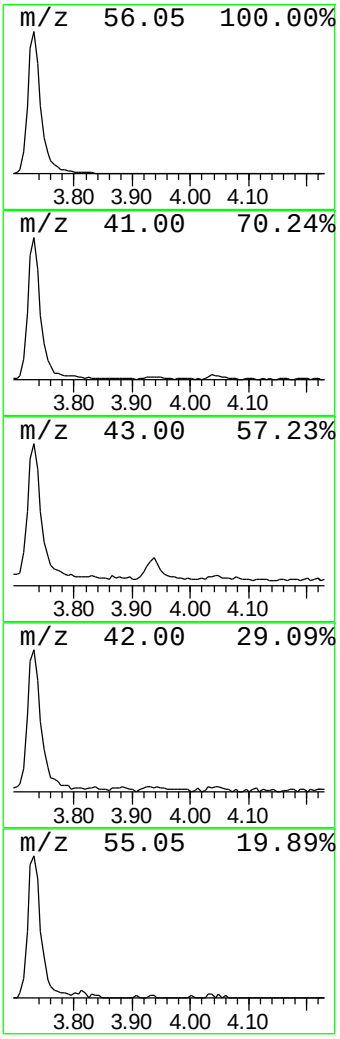
Peak Number 1 1-Butanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.73	16.98 ng	201114	1,4-Dichlorobenzene-d4	8.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol	74	C4H10O	000071-36-3	91
2	1-Hexanol	102	C6H14O	000111-27-3	43
3	1-Pentanol, 4-methyl-	102	C6H14O	000626-89-1	39
4	3,4-Dimethyldihydrofuran-2,5-dione	128	C6H8O3	007475-92-5	33
5	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	9





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Acq On : 9 Jun 2017 22:45
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Sample : I3561-01
Misc :
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Instrument : BNA_G
ClientSampleId : PURGE-WATER-NRL-65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

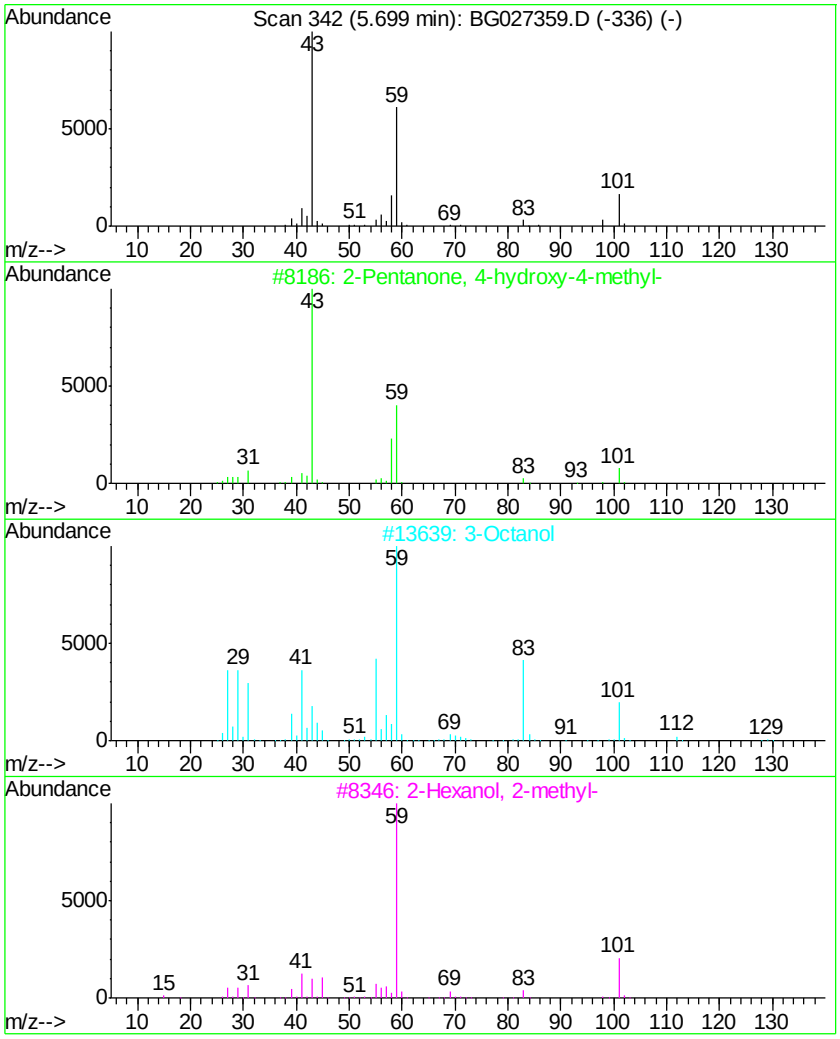
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

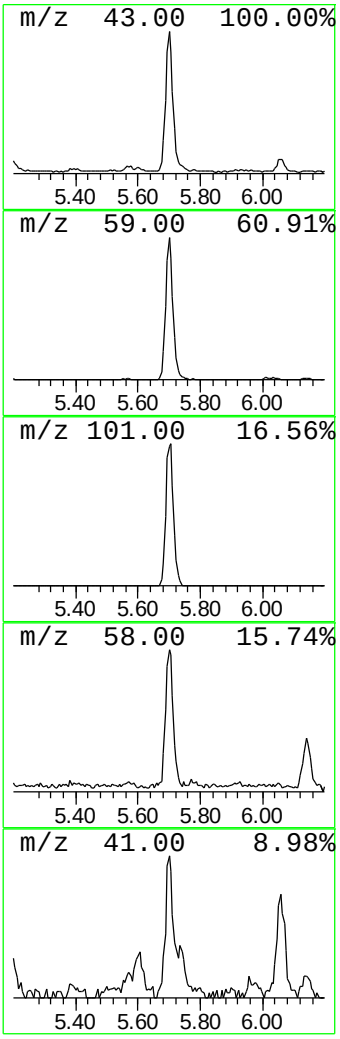
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.70	15.42 ng	182639	1,4-Dichlorobenzene-d4	8.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	3-Octanol	130	C8H18O	000589-98-0	28
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060917\
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Sample : I3561-01
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Instrument :
BNA_G
ClientSampleId :
PURGE-WATER-NRL-65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
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TIC Library : C:\DATABASE\NIST11.L
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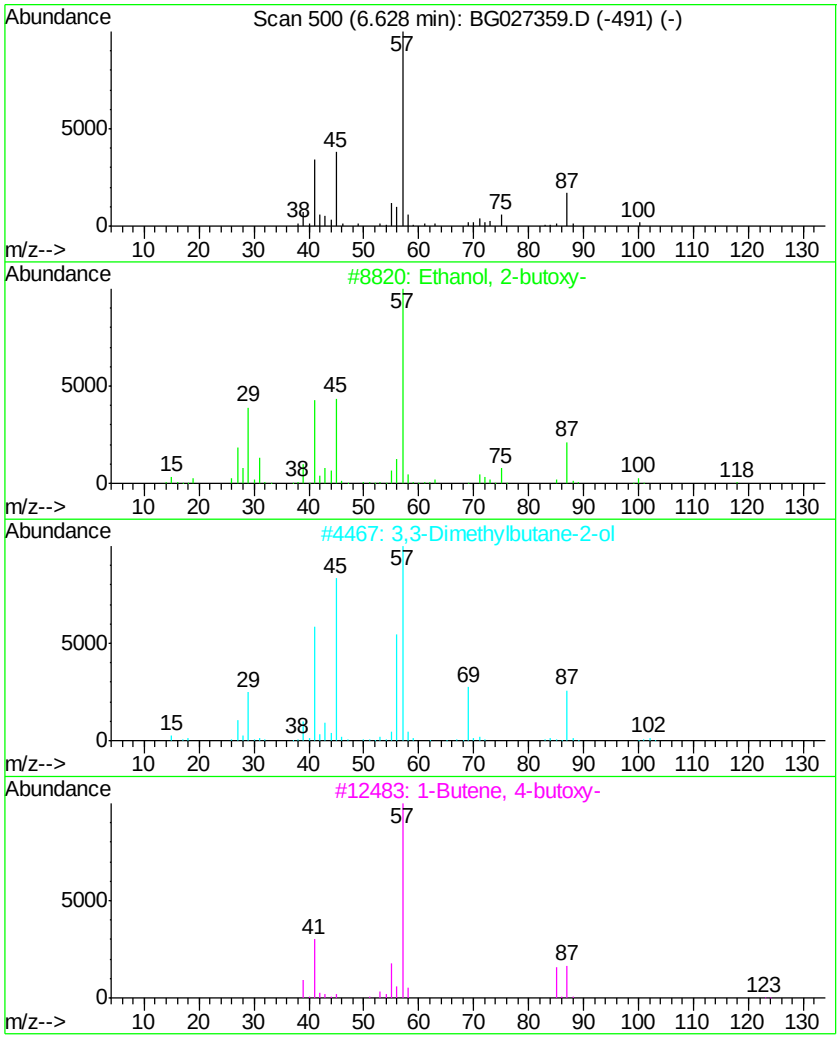
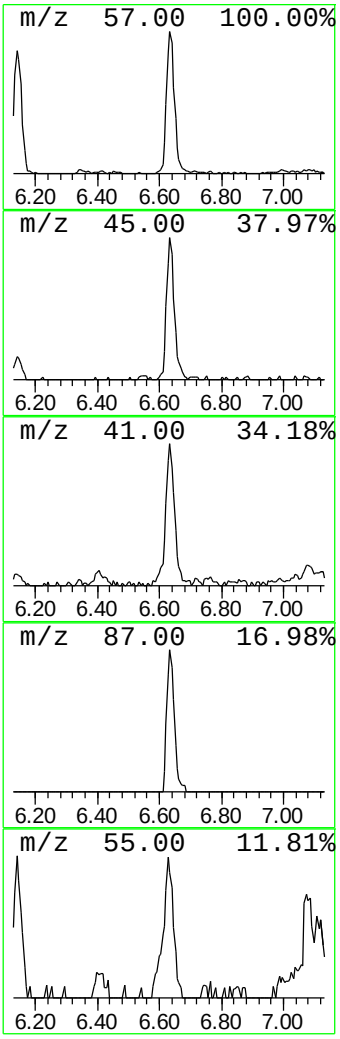
Peak Number 3 Ethanol, 2-butoxy- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	9.66 ng	114386	1,4-Dichlorobenzene-d4	8.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	72
2	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	36
3	1-Butene, 4-butoxy-	128	C8H16O	034061-76-2	17
4	Propanoic acid, 2,2-dimethyl-	102	C5H10O2	000075-98-9	12
5	n-Butyl ether	130	C8H18O	000142-96-1	12





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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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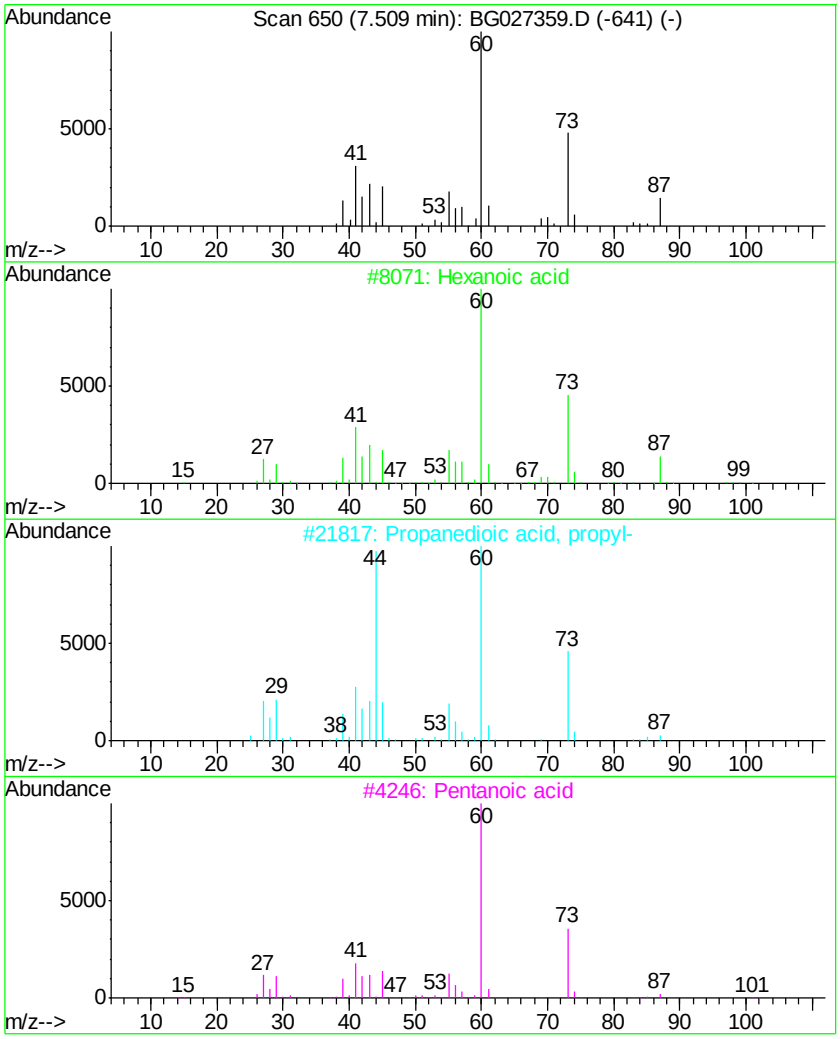
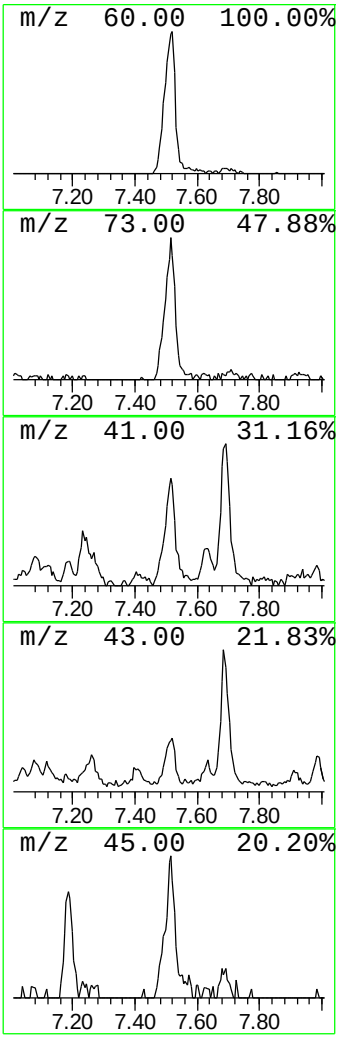
Peak Number 4 Hexanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.51	9.37 ng	110949	1,4-Dichlorobenzene-d4	8.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid	116	C6H12O2	000142-62-1	90
2	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	78
3	Pentanoic acid	102	C5H10O2	000109-52-4	72
4	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	50
5	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	47





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Instrument :
BNA_G
ClientSampleId :
PURGE-WATER-NRL-65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

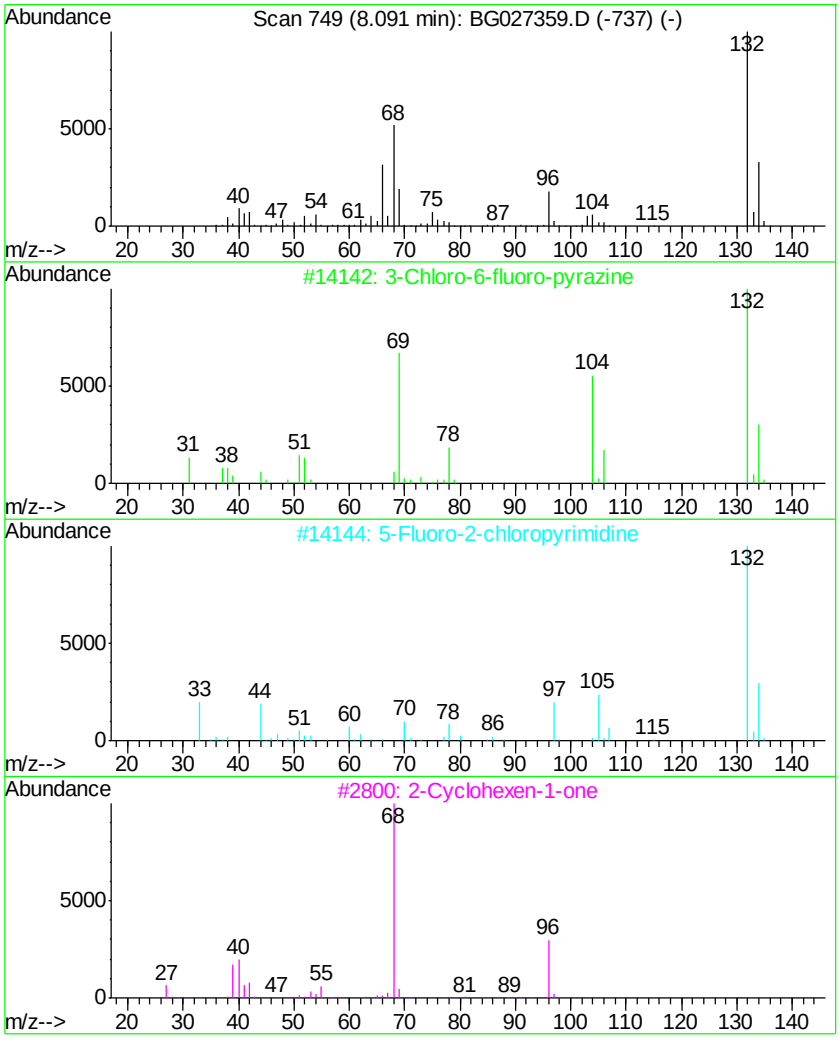
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

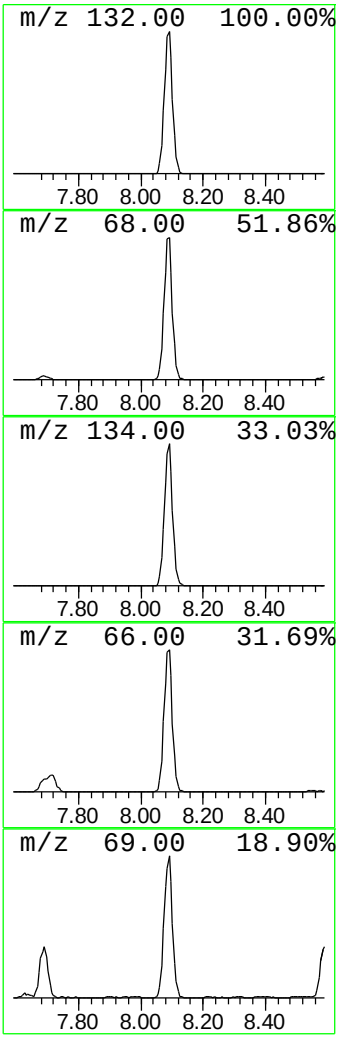
****

Peak Number 5 unknown8.09 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	99.10 ng	1173750	1,4-Dichlorobenzene-d4	8.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Sample : I3561-01
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Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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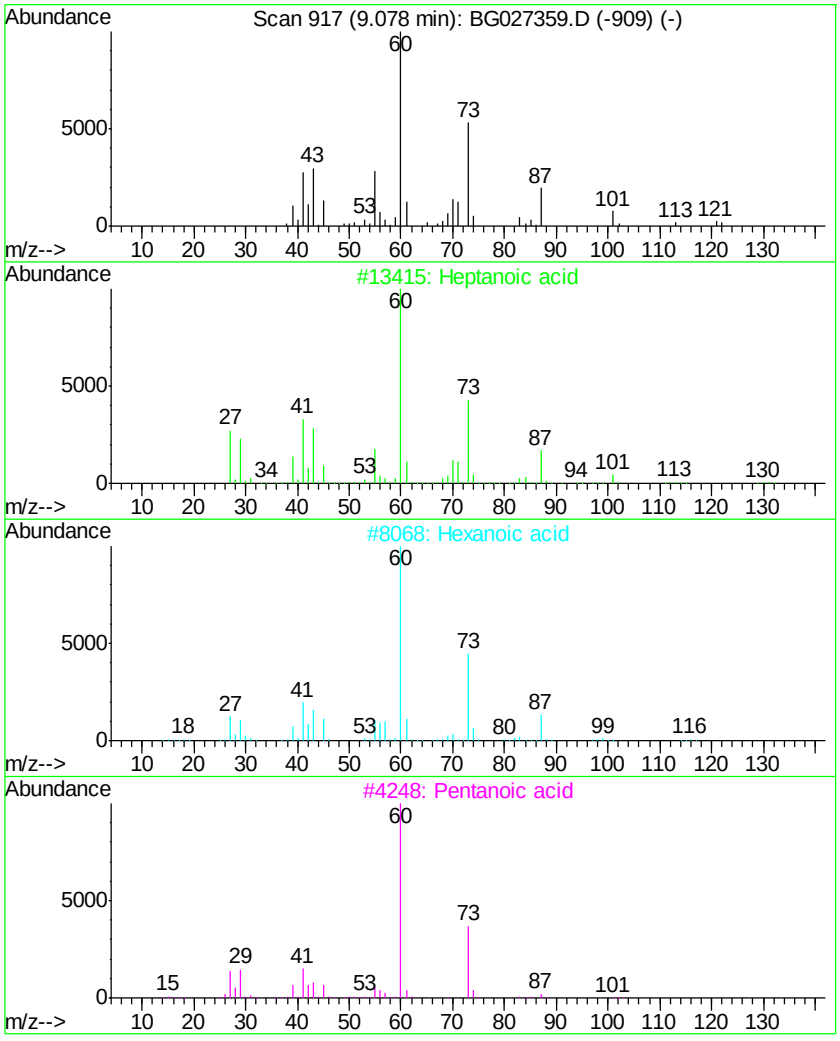
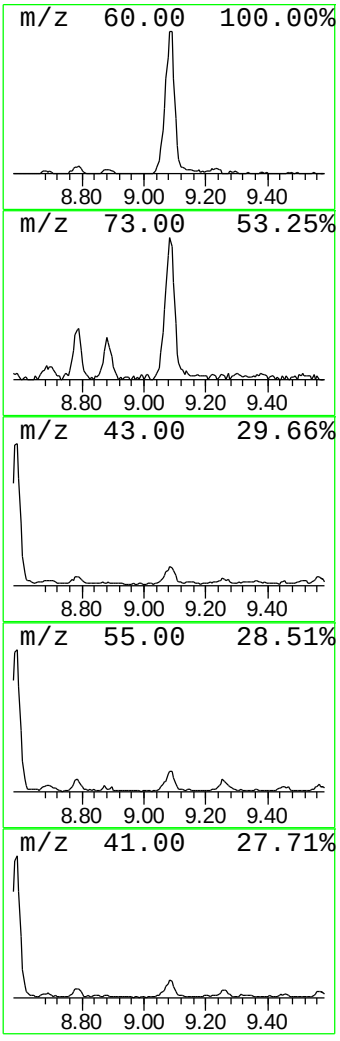
Peak Number 7 Heptanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.08	11.47 ng	135899	1,4-Dichlorobenzene-d4	8.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanoic acid	130	C7H14O2	000111-14-8	90
2	Hexanoic acid	116	C6H12O2	000142-62-1	64
3	Pentanoic acid	102	C5H10O2	000109-52-4	53
4	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	53
5	Octanoic acid	144	C8H16O2	000124-07-2	45





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Acq On : 9 Jun 2017 22:45
Operator : SJ/MA
Sample : I3561-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PURGE-WATER-NRL-65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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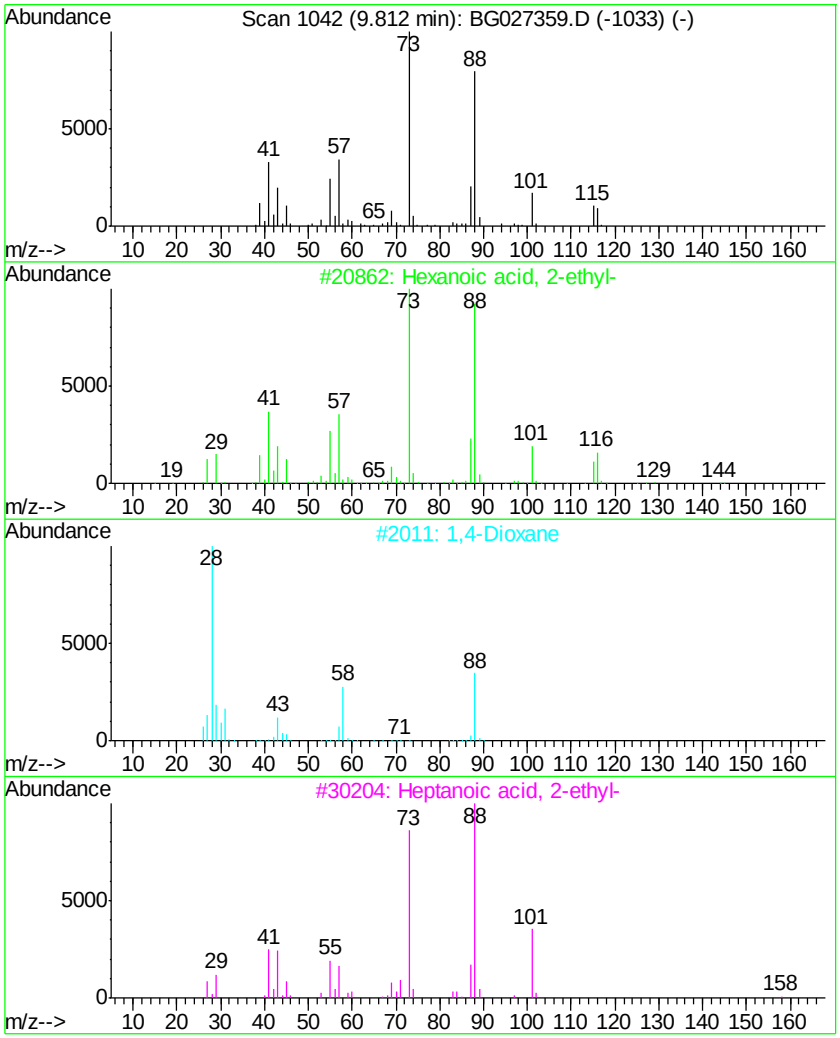
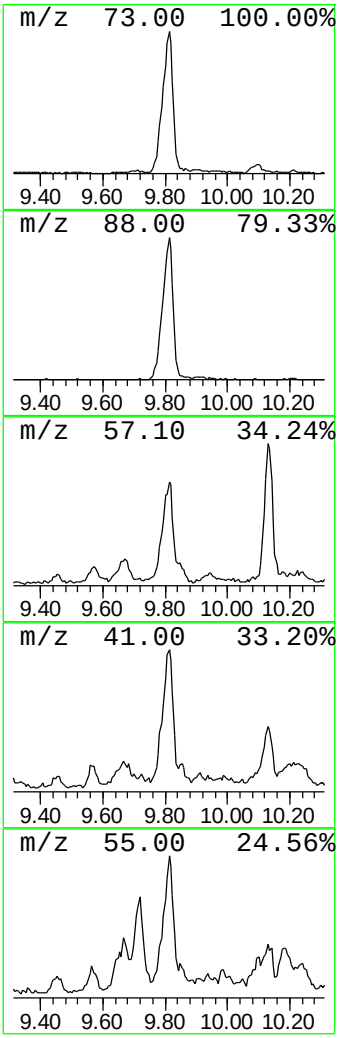
Peak Number 8 Hexanoic acid, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	21.67 ng	256694	1,4-Dichlorobenzene-d4	8.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	86
2	1,4-Dioxane	88	C4H8O2	000123-91-1	43
3	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	42
4	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	42
5	Pentanoic acid, 2-methyl-, methy...	130	C7H14O2	002177-77-7	38





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Sample : I3561-01
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ClientSampleId :
PURGE-WATER-NRL-65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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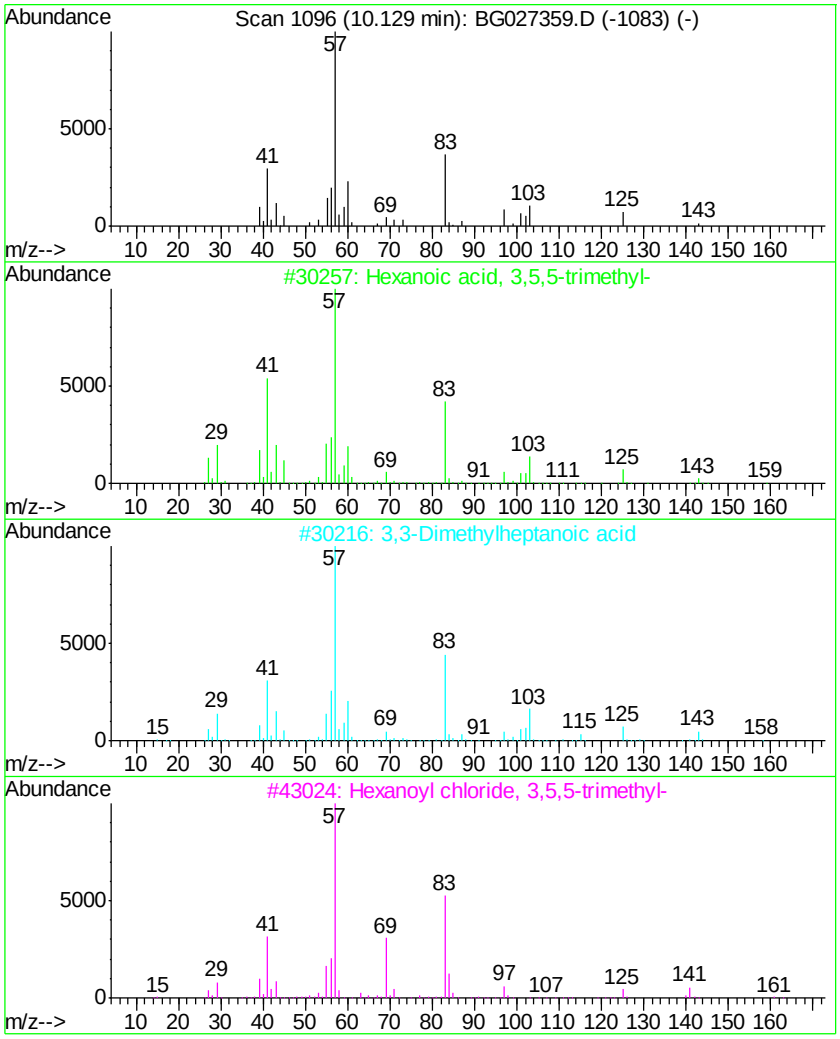
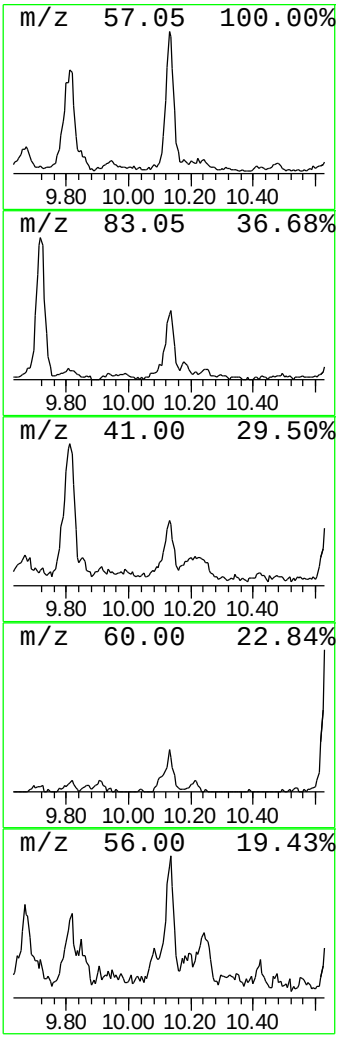
Peak Number 9 Hexanoic acid, 3,5,5-trimet... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	4.19 ng	108707	Naphthalene-d8	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	74
2	3,3-Dimethylheptanoic acid	158	C9H18O2	067061-30-7	50
3	Hexanoyl chloride, 3,5,5-trimethyl-	176	C9H17ClO	036727-29-4	43
4	Propanoic acid, 2,2-dimethyl-, h...	186	C11H22O2	005434-57-1	25
5	Formic acid, 4,4-dimethylpent-2-...	144	C8H16O2	1000368-69-9	16





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ClientSampleId : PURGE-WATER-NRL-65

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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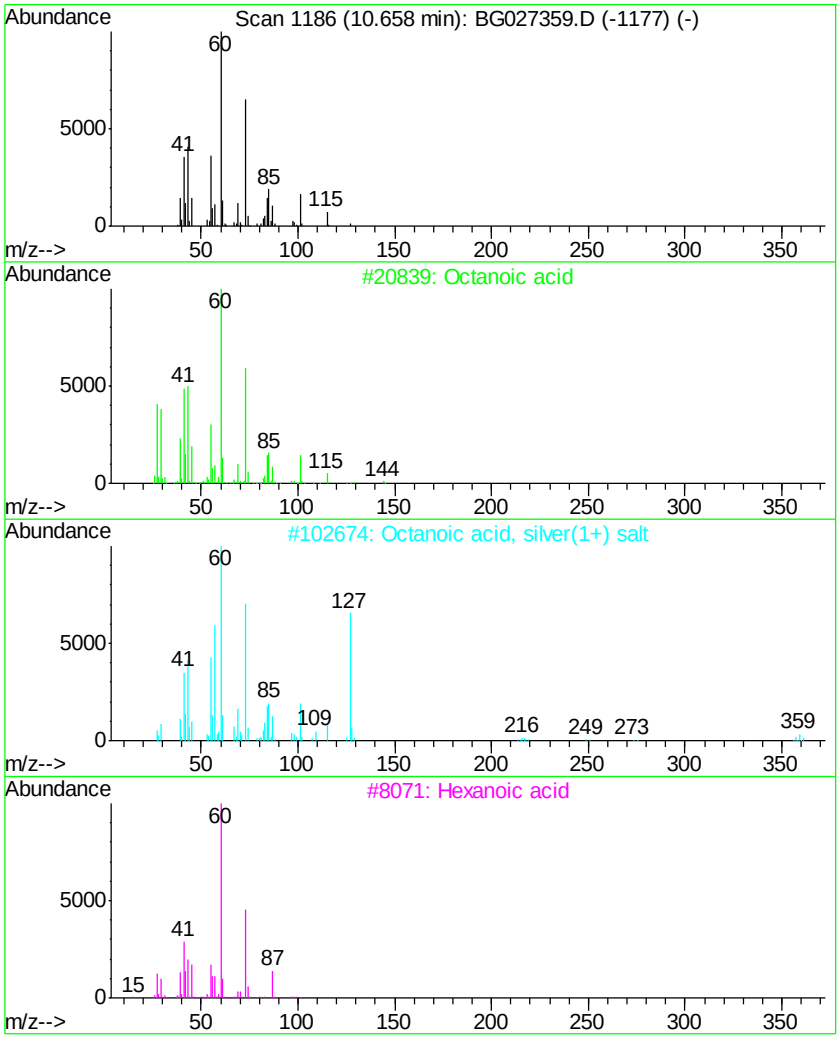
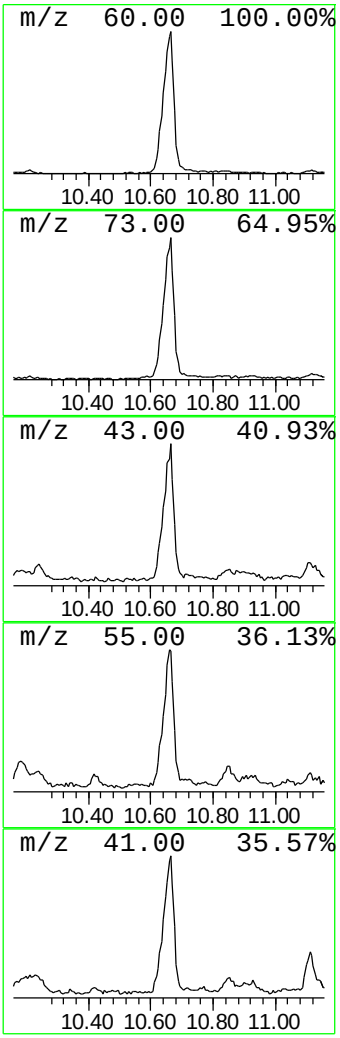
Peak Number 10 Octanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	14.29 ng	370491	Naphthalene-d8	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid	144	C8H16O2	000124-07-2	90
2	Octanoic acid, silver(1+) salt	250	C8H15AgO2	024927-67-1	86
3	Hexanoic acid	116	C6H12O2	000142-62-1	64
4	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	42
5	Pentanoic acid	102	C5H10O2	000109-52-4	42





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Sample : I3561-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :
PURGE-WATER-NRL-65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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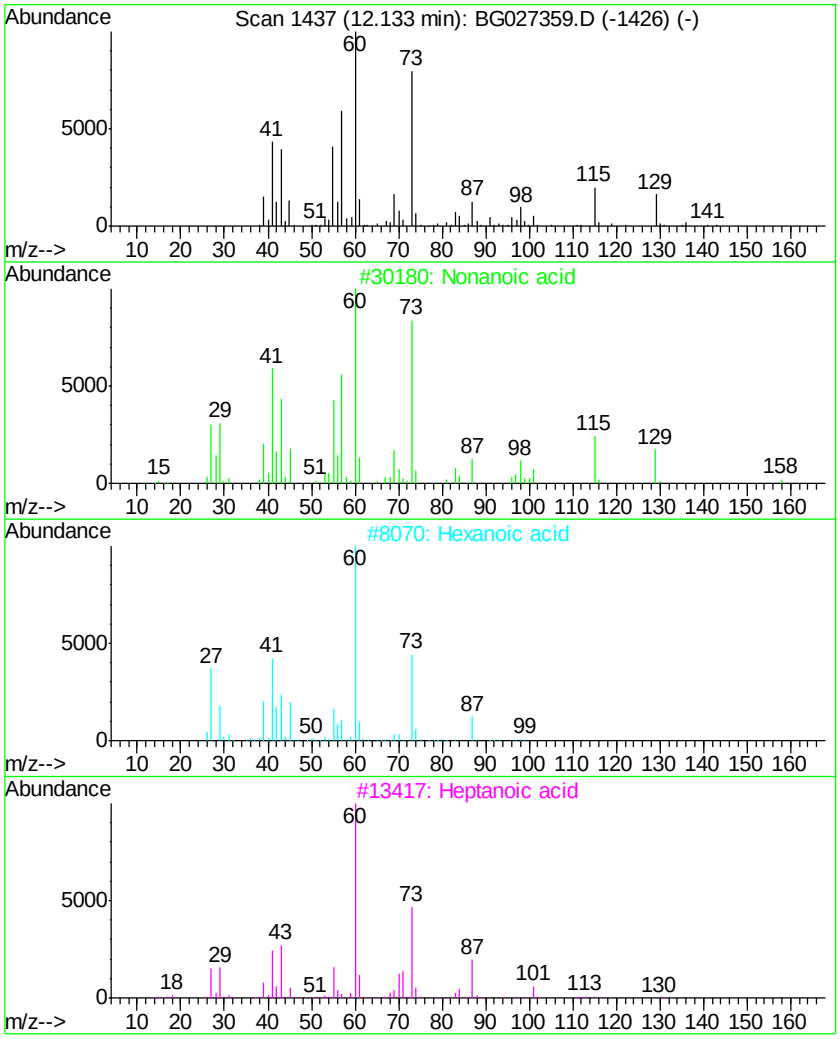
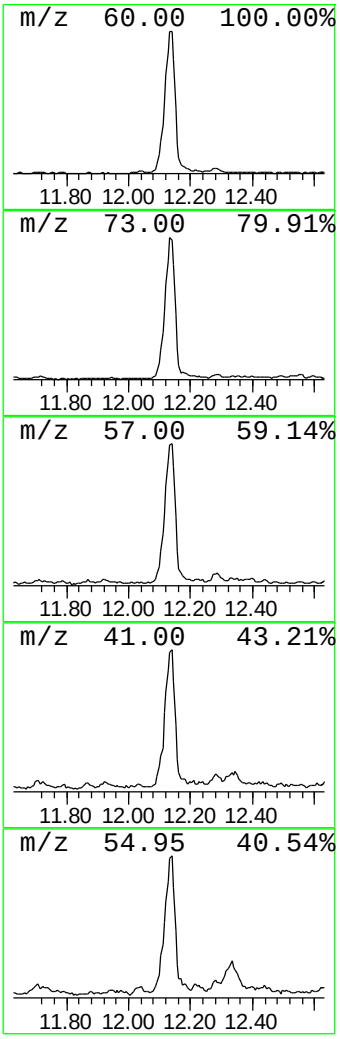
Peak Number 11 Nonanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	23.88 ng	619095	Naphthalene-d8	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid	158	C9H18O2	000112-05-0	90
2	Hexanoic acid	116	C6H12O2	000142-62-1	50
3	Heptanoic acid	130	C7H14O2	000111-14-8	50
4	Butanoic acid	88	C4H8O2	000107-92-6	47
5	Octanoic acid, silver(1+) salt	250	C8H15AgO2	024927-67-1	47





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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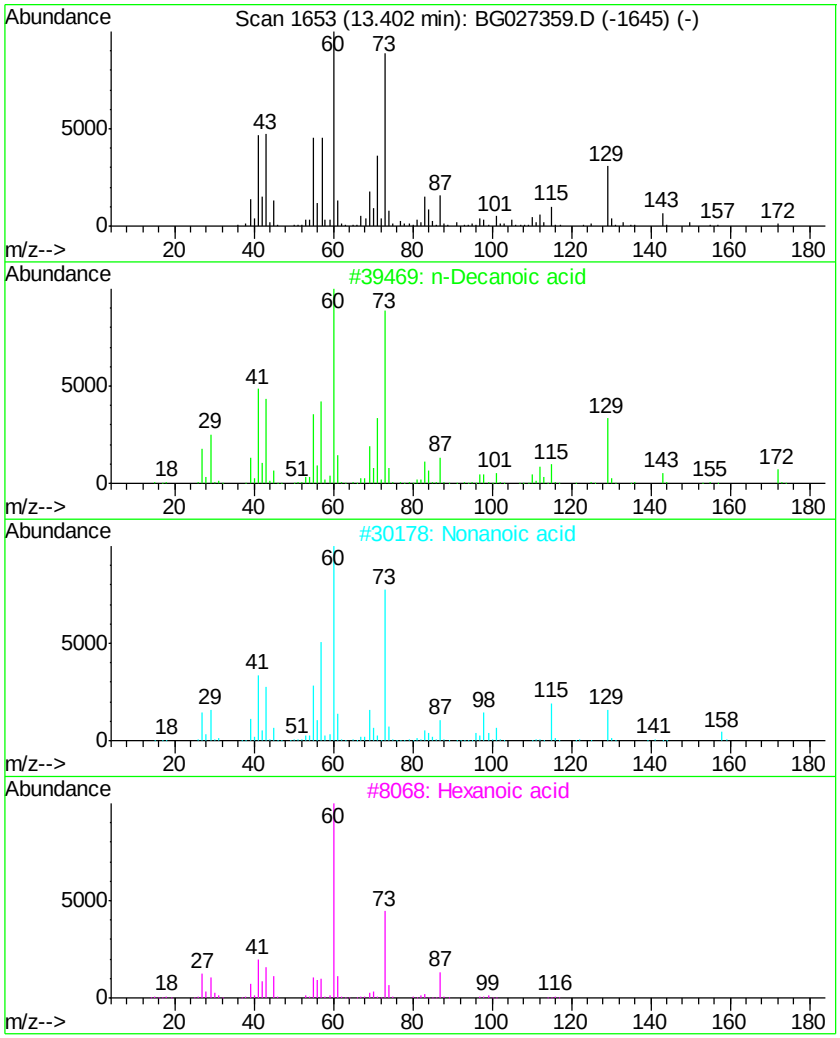
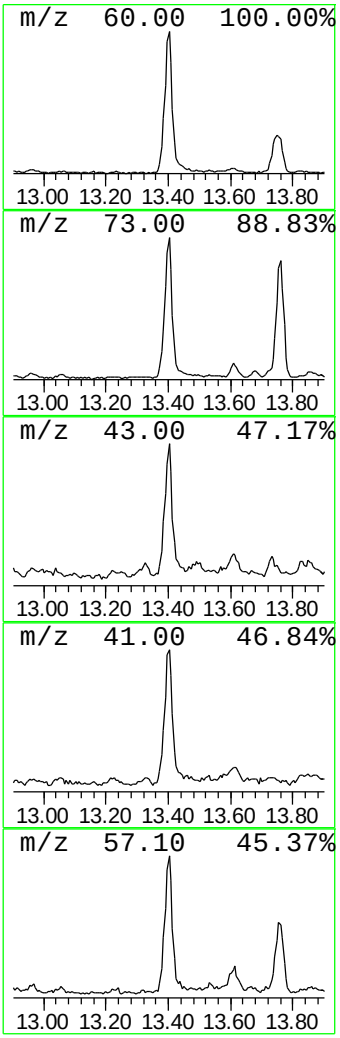
Peak Number 12 n-Decanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	9.38 ng	341396	Acenaphthene-d10	15.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	90
2	Nonanoic acid	158	C9H18O2	000112-05-0	53
3	Hexanoic acid	116	C6H12O2	000142-62-1	52
4	Heptanoic acid	130	C7H14O2	000111-14-8	50
5	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	43





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Instrument : BNA_G
ClientSampleId : PURGE-WATER-NRL-65

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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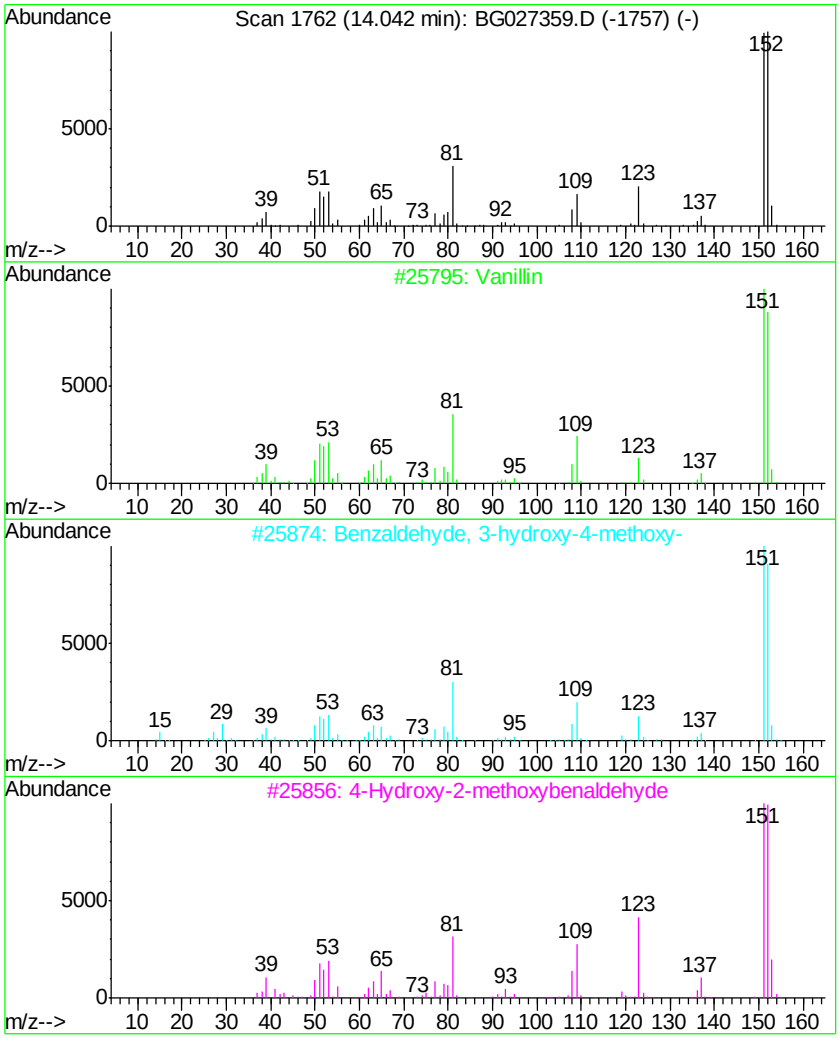
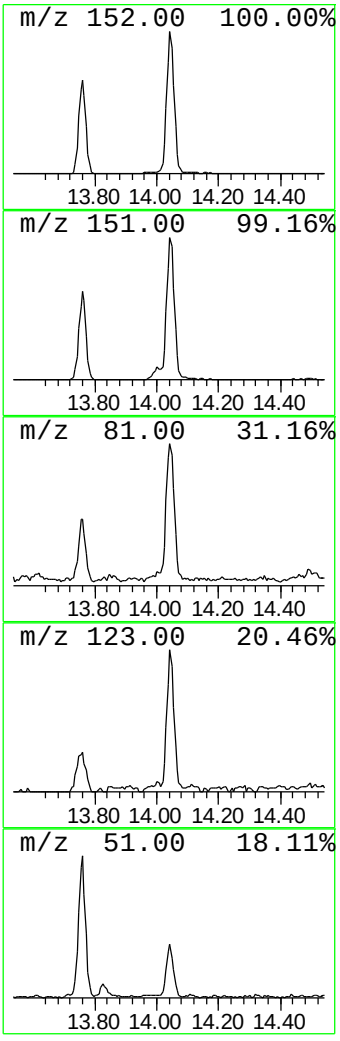
Peak Number 13 Vanillin Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	9.08 ng	330652	Acenaphthene-d10	15.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin	152	C8H8O3	000121-33-5	95
2	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	93
3	4-Hydroxy-2-methoxybenaldehyde	152	C8H8O3	018278-34-7	90
4	Benzaldehyde, 4-(methylthio)-	152	C8H8OS	003446-89-7	80
5	Benzaldehyde, 2-hydroxy-4-methoxy-	152	C8H8O3	000673-22-3	59





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ClientSampleId :
PURGE-WATER-NRL-65

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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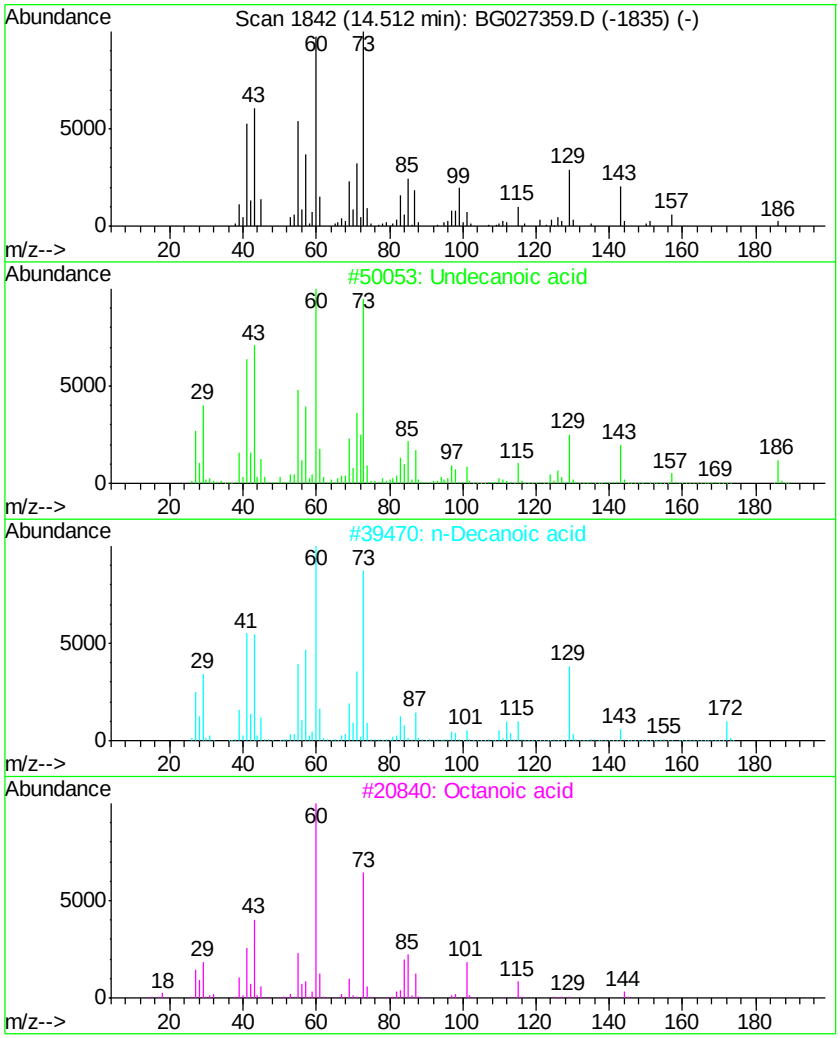
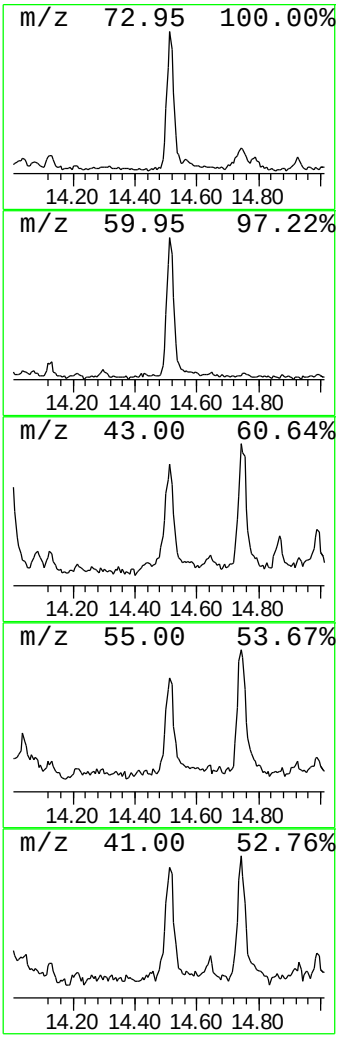
Peak Number 14 Undecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	5.43 ng	197784	Acenaphthene-d10	15.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecanoic acid	186	C11H22O2	000112-37-8	86
2	n-Decanoic acid	172	C10H20O2	000334-48-5	59
3	Octanoic acid	144	C8H16O2	000124-07-2	47
4	Lactose	342	C12H22O11	000063-42-3	47
5	3-Methyl-hexanoic acid	130	C7H14O2	1000365-65-4	38





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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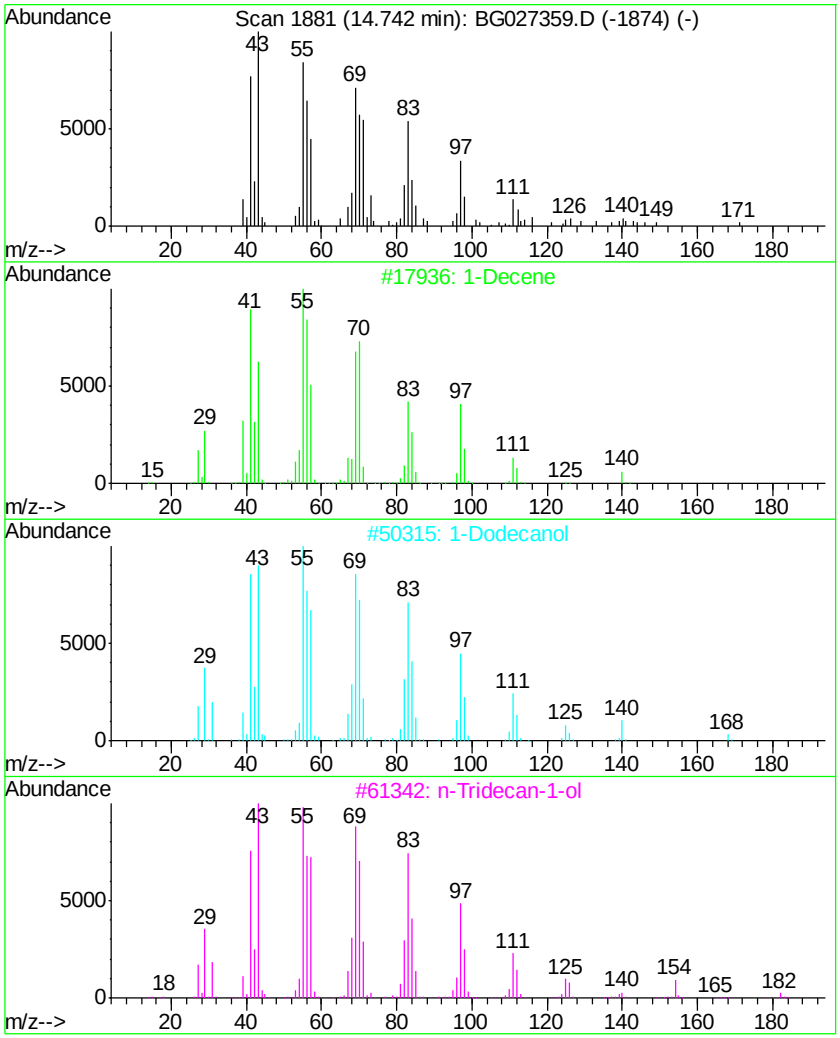
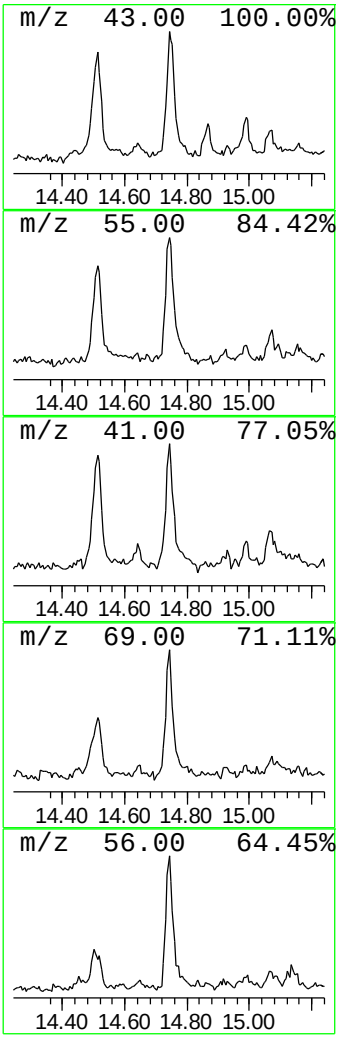
Peak Number 15 1-Decene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	5.83 ng	212233	Acenaphthene-d10	15.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decene	140	C10H20	000872-05-9	92
2	1-Dodecanol	186	C12H26O	000112-53-8	87
3	n-Tridecan-1-ol	200	C13H28O	000112-70-9	83
4	2-Butenedioic acid (Z)-, monodod...	284	C16H28O4	002424-61-5	80
5	3-Chloropropionic acid, dodecyl ...	276	C15H29ClO2	074316-16-8	80





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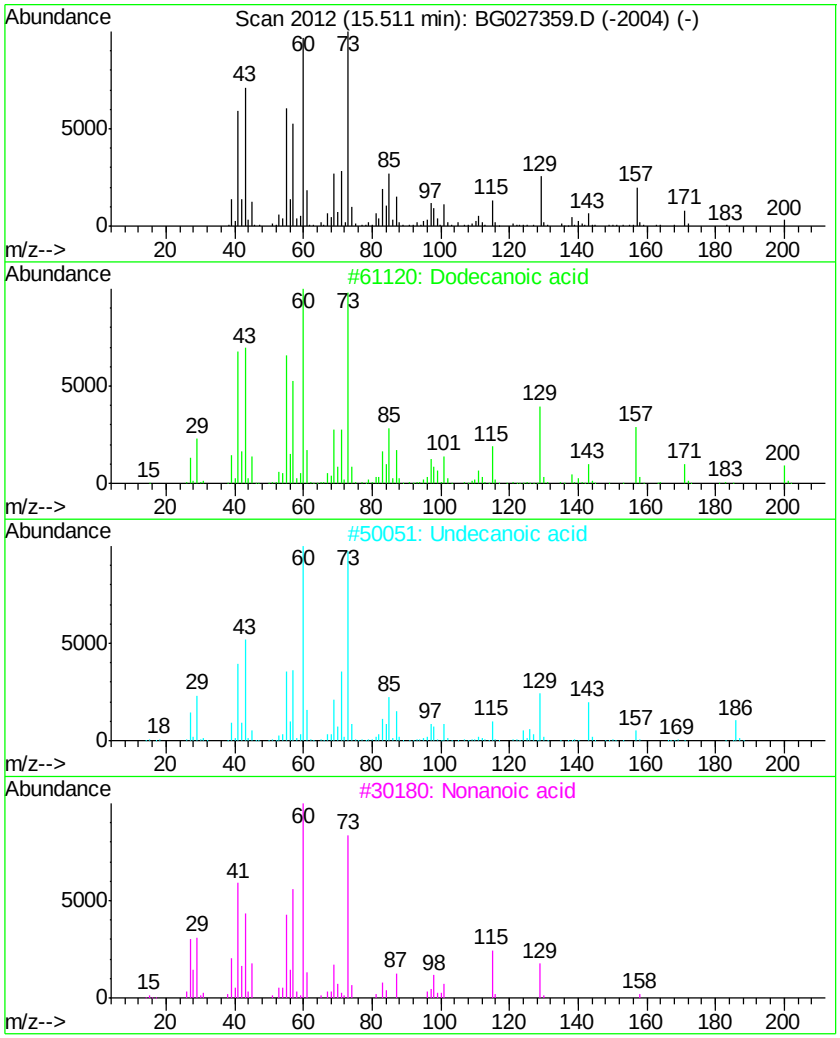
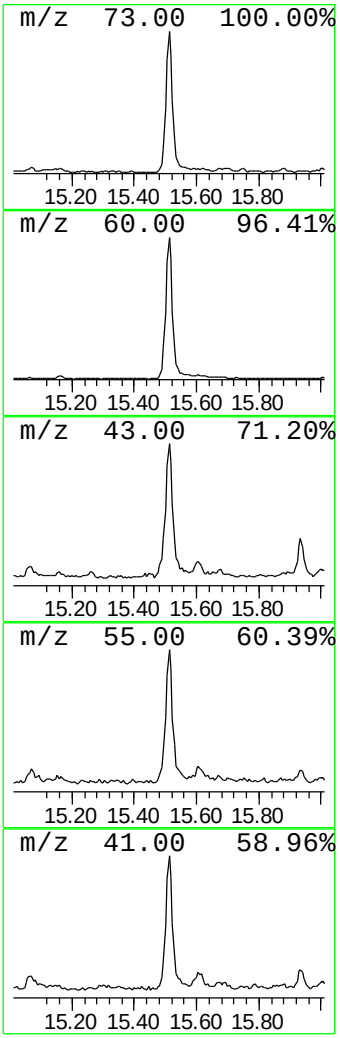
Peak Number 16 Dodecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.51	13.90 ng	506040	Acenaphthene-d10	15.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	98
2	Undecanoic acid	186	C11H22O2	000112-37-8	86
3	Nonanoic acid	158	C9H18O2	000112-05-0	58
4	n-Decanoic acid	172	C10H20O2	000334-48-5	53
5	Octanoic acid	144	C8H16O2	000124-07-2	49





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ALS Vial : 12 Sample Multiplier: 1

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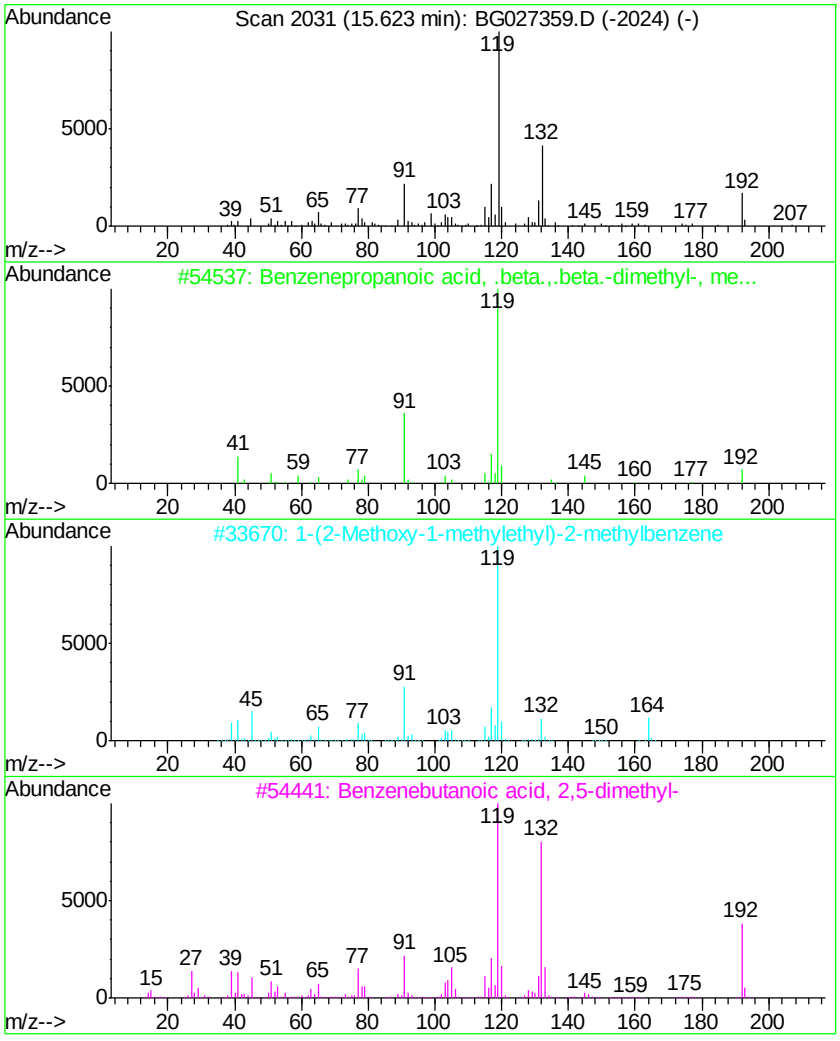
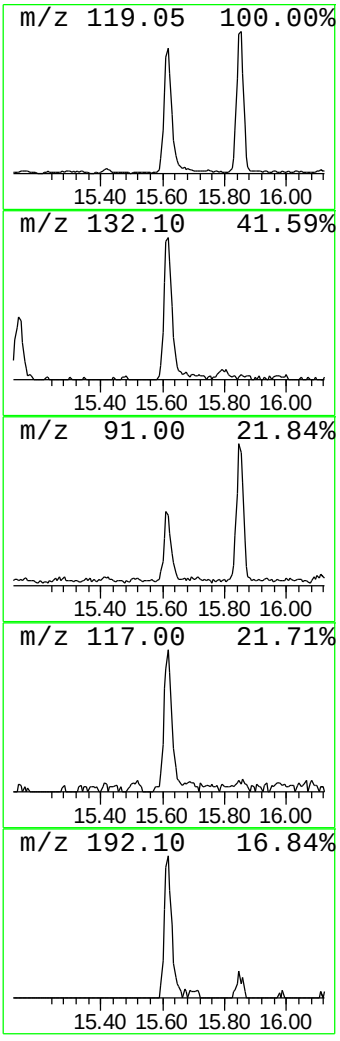
Peak Number 17 unknown15.62 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	4.63 ng	168429	Acenaphthene-d10	15.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenepropanoic acid, .beta.,.b...	192	C12H16O2	025080-84-6	47
2	1-(2-Methoxy-1-methylethyl)-2-me...	164	C11H16O	1000210-02-1	43
3	Benzenebutanoic acid, 2,5-dimethyl-	192	C12H16O2	001453-06-1	43
4	2,5-Dimethylbenzyl chloride	154	C9H11Cl	000824-45-3	38
5	Tridecane, 2-methyl-2-phenyl-	274	C20H34	027854-41-7	38





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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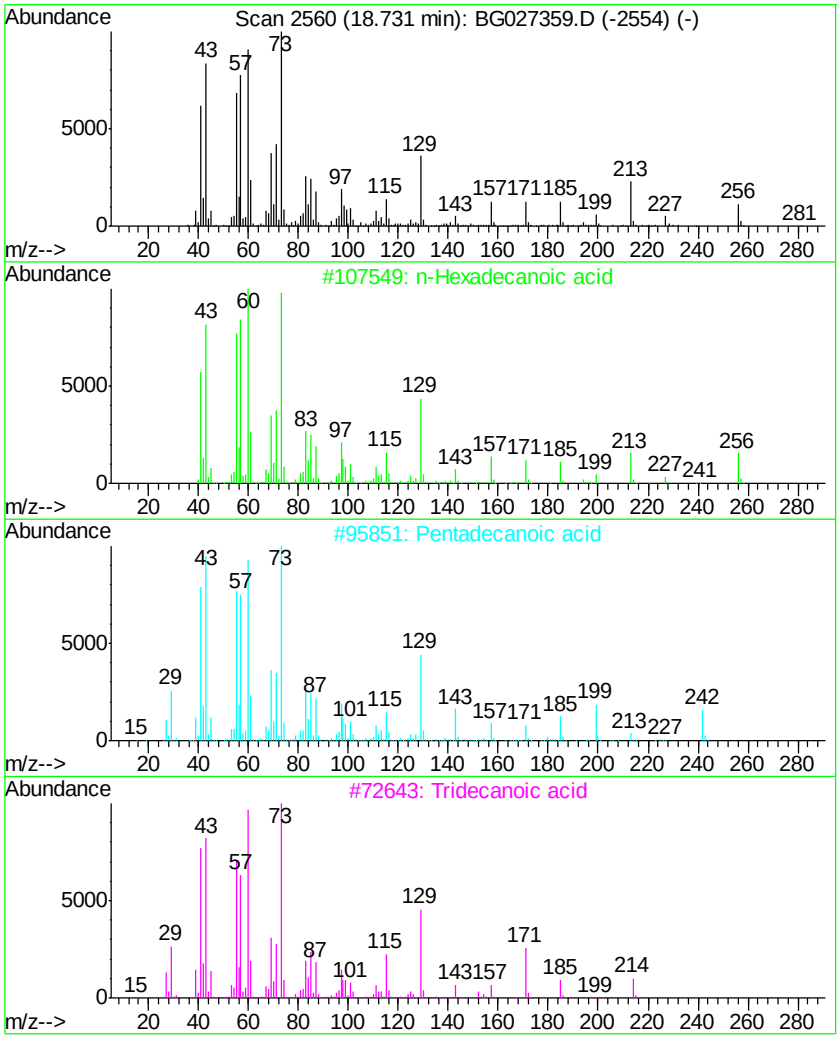
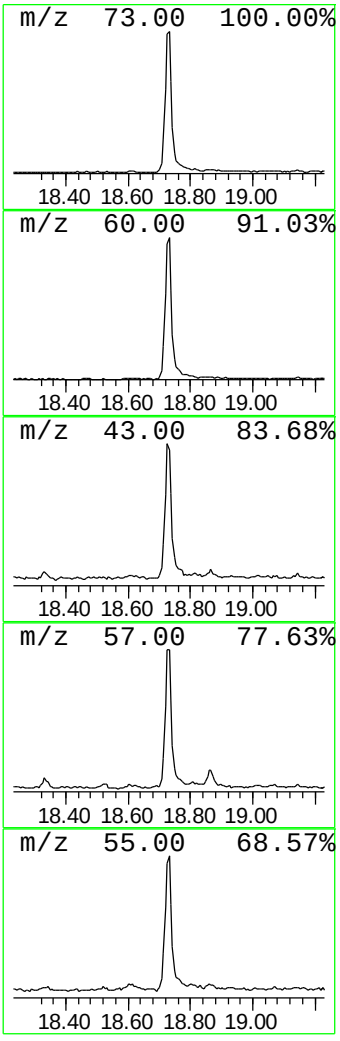
Peak Number 18 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	18.47 ng	784739	Phenanthrene-d10	17.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Dodecanoic acid	200	C12H24O2	000143-07-7	58





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Instrument : BNA_G
ClientSampleId : PURGE-WATER-NRL-65

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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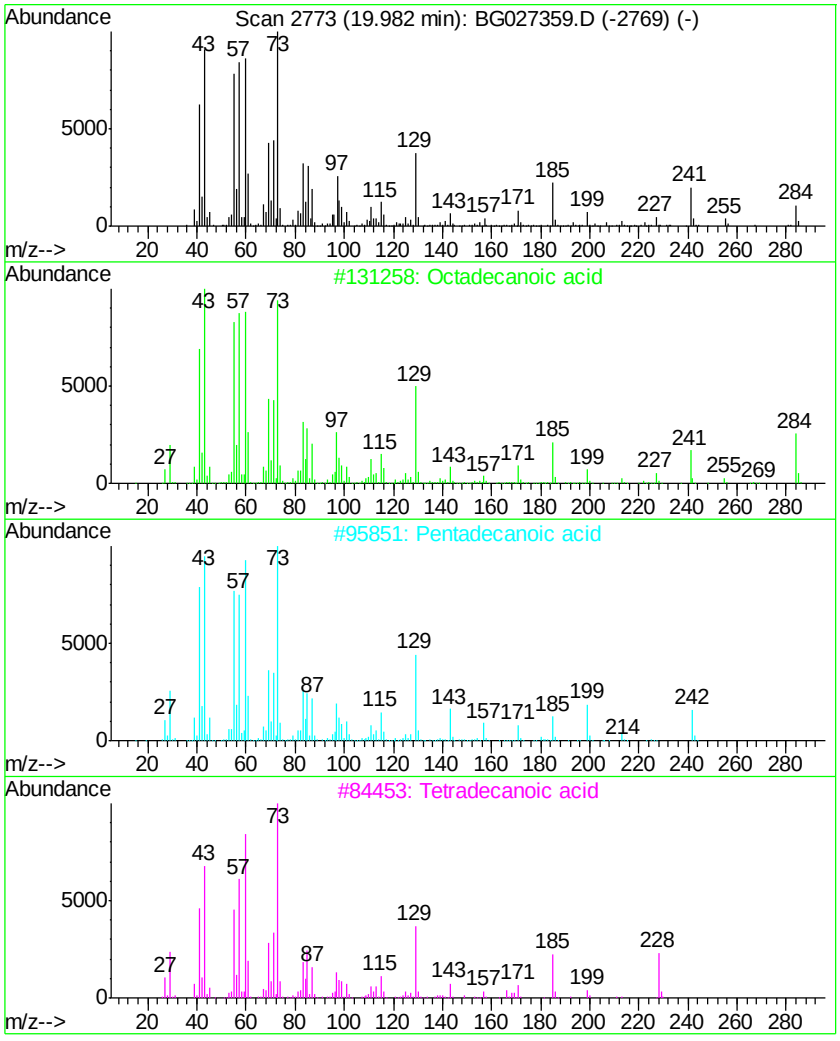
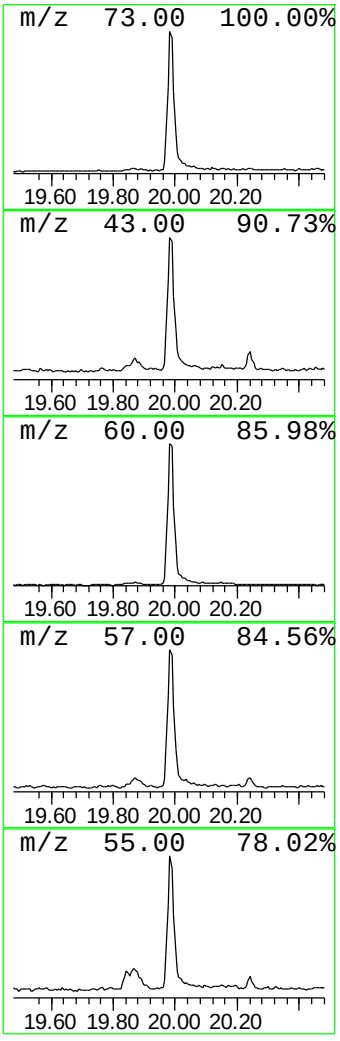
Peak Number 19 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.98	19.30 ng	819727	Phenanthrene-d10	17.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060917\
Data File : BG027359.D
Acq On : 9 Jun 2017 22:45
Operator : SJ/MA
Sample : I3561-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PURGE-WATER-NRL-65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

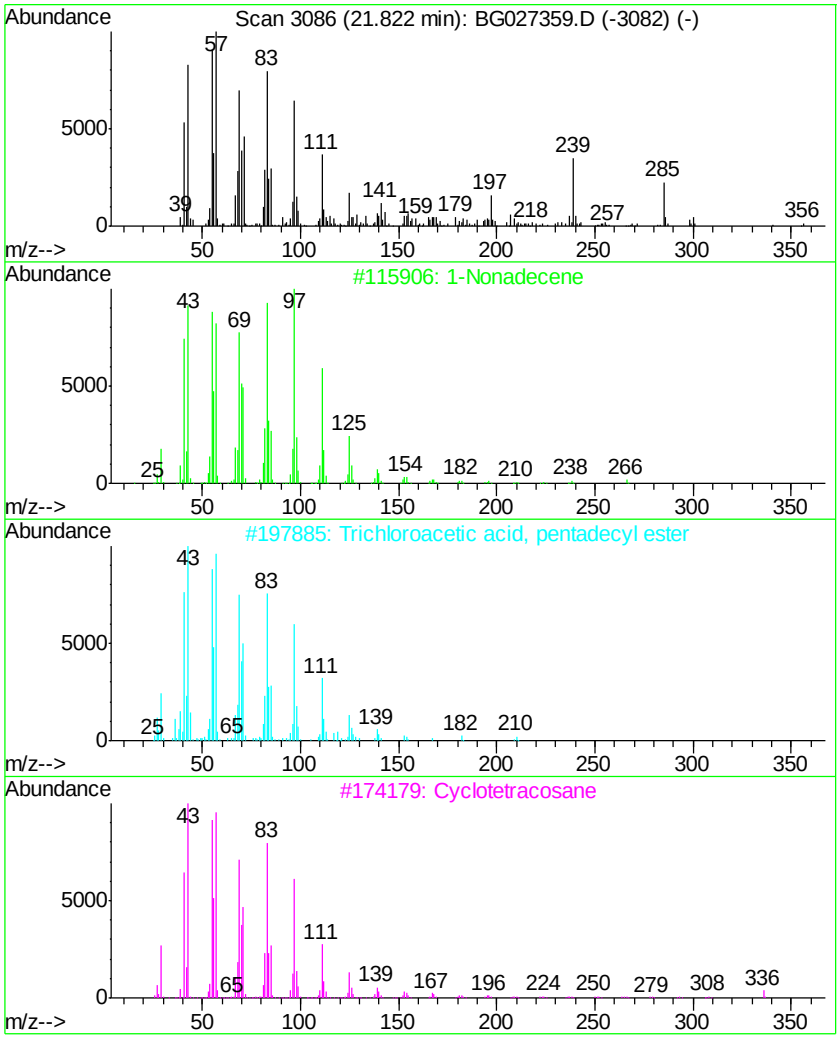
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

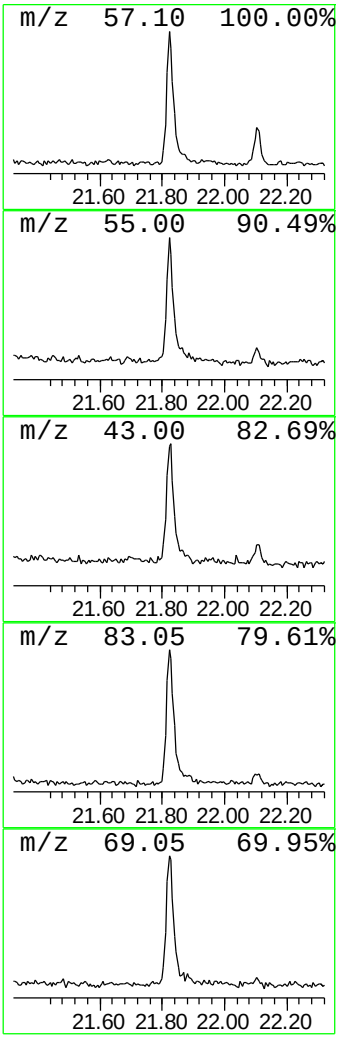
****

Peak Number 20 1-Nonadecene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.82	6.12 ng	329843	Chrysene-d12	22.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	90
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	87
3	Cyclotetracosane	336	C24H48	000297-03-0	87
4	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	87
5	1-Tricosene	322	C23H46	018835-32-0	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060917\
Data File : BG027359.D
Acq On : 9 Jun 2017 22:45
Operator : SJ/MA
Sample : I3561-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PURGE-WATER-NRL-65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Butanol	3.73	17.0	ng	201114	1	8.55	236891	20.0
2-Pentanone, 4-hy...	5.70	15.4	ng	182639	1	8.55	236891	20.0
Ethanol, 2-butoxy-	6.63	9.7	ng	114386	1	8.55	236891	20.0
Hexanoic acid	7.51	9.4	ng	110949	1	8.55	236891	20.0
unknown8.09	8.09	99.1	ng	1173750	1	8.55	236891	20.0
Heptanoic acid	9.08	11.5	ng	135899	1	8.55	236891	20.0
Hexanoic acid, 2-...	9.81	21.7	ng	256694	1	8.55	236891	20.0
Hexanoic acid, 3,...	10.13	4.2	ng	108707	2	11.37	518412	20.0
Octanoic acid	10.66	14.3	ng	370491	2	11.37	518412	20.0
Nonanoic acid	12.13	23.9	ng	619095	2	11.37	518412	20.0
n-Decanoic acid	13.40	9.4	ng	341396	3	15.14	727966	20.0
Vanillin	14.04	9.1	ng	330652	3	15.14	727966	20.0
Undecanoic acid	14.51	5.4	ng	197784	3	15.14	727966	20.0
1-Decene	14.74	5.8	ng	212233	3	15.14	727966	20.0
Dodecanoic acid	15.51	13.9	ng	506040	3	15.14	727966	20.0
unknown15.62	15.62	4.6	ng	168429	3	15.14	727966	20.0
n-Hexadecanoic acid	18.73	18.5	ng	784739	4	17.88	849599	20.0
Octadecanoic acid	19.98	19.3	ng	819727	4	17.88	849599	20.0
1-Nonadecene	21.82	6.1	ng	329843	5	22.27	1077060	20.0